What is claimed is:

1. A HDMI connector in accordance with the present invention comprises an insulated housing, a metallic housing, and a contact terminal unit, characterized in that the insulated housing is an uniform standard design, whereas the metallic housing and the contact terminal unit are modular design, said structure of the metallic housing utilizes a standard design, and said solder pin and flange utilize modular design, wherein said solder pin is categorized in the vertical insertion type and the horizontal SMT type, and the flange is an optional selection according to the requirements of the products, and the interior design of the metallic housing adapted to the engagement with the insulated housing utilizes the standard design, whereas said contact terminal unit is categorized in the vertical insertion type and the horizontal SMT type.

2. A HDMI connector of item 1, wherein said insulated housing has a rectangular main block, and a flat terminal block is projected from the front surface of the main block, there is a plurality of guide slots furnished on the top and bottom side of the terminal block for insertion of the terminal of contact terminal unit, said guide slots is fed through the main body to the hollow portion at the rear part of the main body.

3. A HDMI connector of item 2, wherein the dented slots are furnished at the two sides of the top surface of the main body hollowed at rear part; the function of the slots is to latch with the resilient fold piece on the top surface.

4. A HDMI connector of item 2, wherein the slot and the projection are furnished on the both side surfaces of the main body whereby the slots are mated with the inward projected stop wedge of the metallic housing, and the stop block is furnished at the end of the inner slots may thrust with the stop wedge to secure the insulated housing inside the metallic housing without further backward displacement.

5. A HDMI connector of item 2, wherein the positioning paths dented inward at rear part of the bottom surface of the main body provide an equal number of guide slots for insertion of the terminals of the terminal block.

6. A HDMI connector of item 2, wherein the bottom plate extended from the front end of bottom surface of the main body with inclined end section of both sidewalls form a carrier to be integrated

with the bottom surface of the metallic housing and firmly fixed with each other, and the recess furnished on the bottom plate with position aligned with the clamp on the bottom surface of the metallic housing to keep the clamp remained available after the integration with the insulated housing, furthermore, the positioning posts are also provided at the bottom of the insulated housing to secure the connector firmly positioned on the printed circuit board.

7. A HDMI connector of item 2, wherein the insertion opening in the front end of the metallic housing is furnished with error proof on both sides.

8. A HDMI connector of item 7, wherein the integration structure of the insulated housing 1 and the rear part of the metallic housing consists of the fold piece on the top surface, the fold plate extended to rear end, the inward projected stop wedge, and the slide slot.

9. A HDMI connector of item 8, wherein the fold piece is mated with the slot of the insulated housing.

10. A HDMI connector of item 8, wherein the inward projected stop wedge 231 is mated with the notch.

11. A HDMI connector of item 8, wherein the slide slot 232 is mated with the protrusion.

12. A HDMI connector of item 8, wherein the fold plate is foldable to accommodate the whole insulated housing inside the metallic housing when the insulated housing is inserted in.

13. A HDMI connector of item 1, wherein the flange is furnished with lock hole.

14. A HDMI connector of item 1, wherein the metallic housing module utilizes the flange and the solder pin with a vertical insertion type solder pin structure.

15. A HDMI connector of item 1, wherein the metallic housing module utilizes the flange and the solder pin with a horizontal surface mount technology type solder pin structure.

16. A HDMI connector of item 1, wherein the metallic housing module is without flange and utilizes the solder pin with a vertical insertion type solder pin structure.

17. A HDMI connector of item 1, wherein the metallic housing module is without flange and utilizes the solder pin with a horizontal surface mount technology type solder pin structure.

18. A HDMI connector of item 1, wherein the contact terminal unit utilizes the horizontal SMT type terminals solder pin structure.

19. A HDMI connector of item 1, wherein the contact terminal unit utilizes the vertical insertion type terminals solder pin structure.